

# FLY TO THE FORECAST

Improving the Accuracy of Digital Elevation Model (DEM)

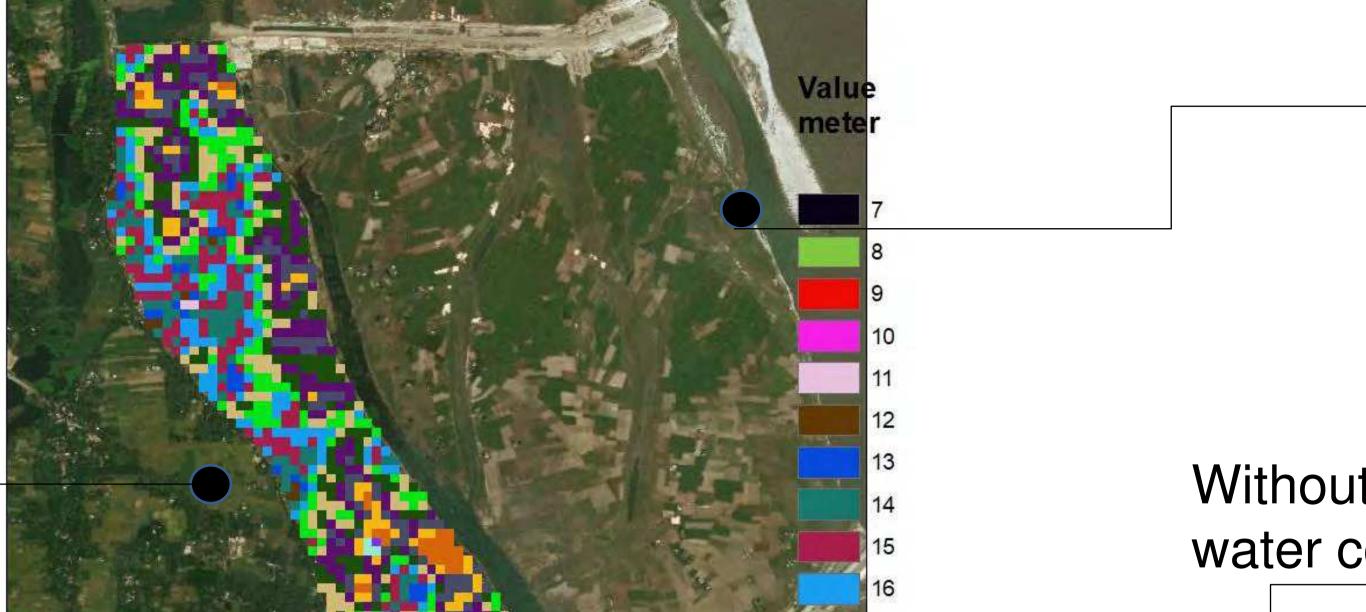


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## **PROBLEM STATEMENT**

- No Proper Forecasting System
- \_ocal Context

Neither precise nor accurate



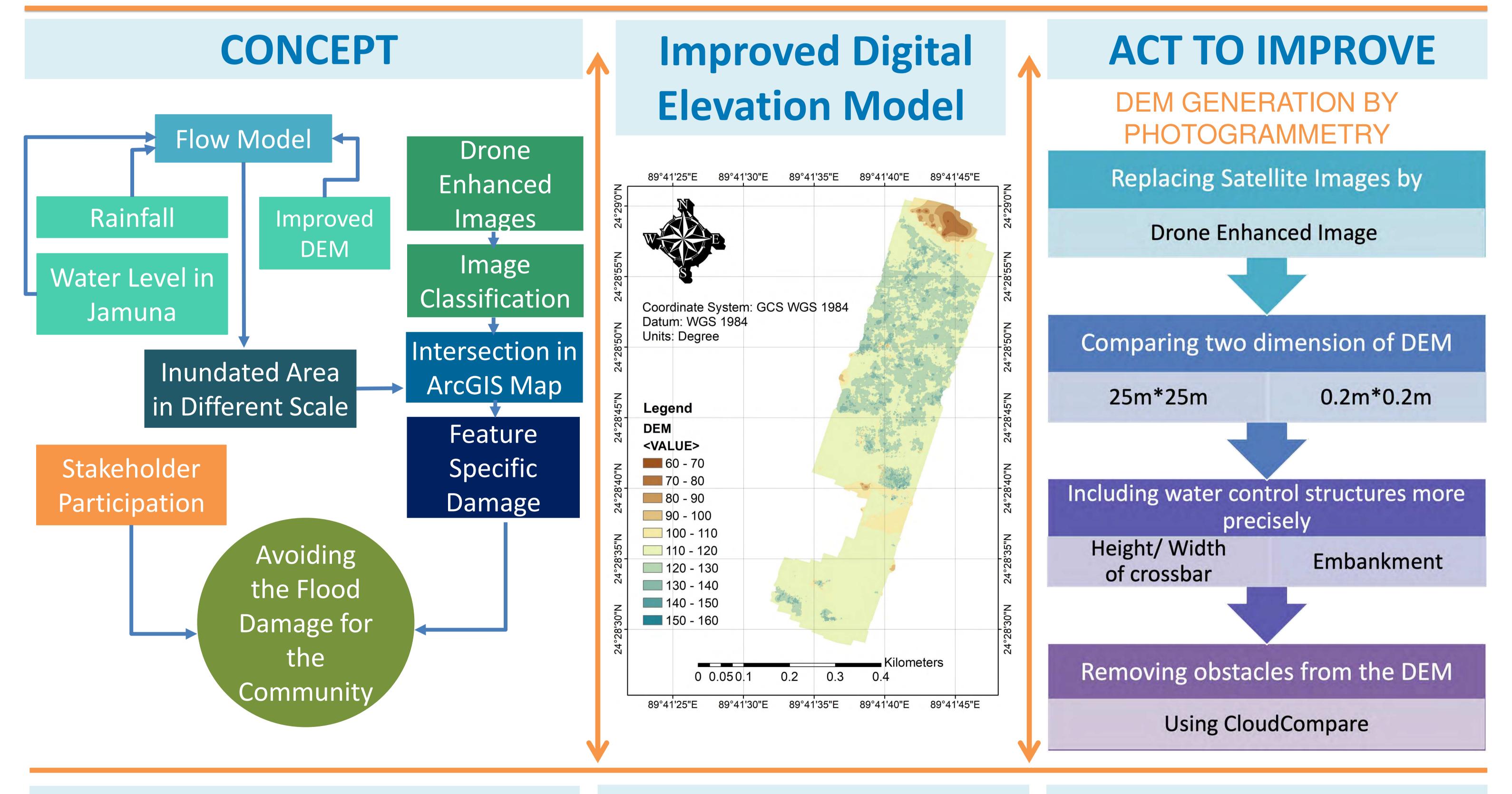
Satellite Images

Without proper consideration of water control structures



Previous DEM of the study area





### LOSS FOR 100 M<sup>2</sup> AREA

**BENEFITS** 

### **EFFECTIVENESS**

LOSS

Structure	/Structure/ month(BDT)	Number	Total (BDT)
Small Shops	26000	10	260,000
<b>Big Shops</b>	50000	5	250,000
Lowland Houses	12000	100	120,0000
Total		115	1,710,000

#### Early Evacuation $\bullet$

- **Relocation of Machine**
- Moving goods of
  - shopkeepers
- Agriculture Planning
- Long-term Seasonal Flood Outlook

LIMITATIONS

- Lack of Shelters
- Lack of Income Source During Floods

